



County of Riverside  
**DEPARTMENT OF ENVIRONMENTAL HEALTH**

P.O. BOX 7909 • RIVERSIDE, CA 92513-7909

STEVE VAN STOCKUM, DIRECTOR

**CITATION FOR NON COMPLIANCE – WATER SYSTEM NO. 3301146  
NO. 05\_63\_16C\_025**

Re: Terwilliger Association  
System No. 3301146

Date: October 13, 2016

To: Twerwilliger Association C/O VFW  
Attn: Lenton Garrison  
PO Box 390433  
Anza Ca, 92539

Section 116650, Article 9, Chapter 4, Part 12, Division 104 of the California Health and Safety Code (H&S Code), authorizes the issuance of a citation for failure to comply with the requirements of the California Safe Drinking Water Act, or any regulation, standard, permit order issued there under.

**VIOLATION**

The Department of Environmental Health (Department), hereby issues a citation to Twerwilliger Association C/O VFW for the following violations:

1. Title 22 of the California Code of Regulations (CCR), Section 64426.1 (b) (4). Specifically, Twerwilliger Association C/O VFW Post 1873 failed the Total Coliform Maximum Contaminant Level (MCL) during the months of June- September 2016. For a public water system which collects fewer than 40 samples per month, more than one sample collected during any month is total coliform-positive; or any repeat sample is fecal coliform-positive or E.coli-positive; or any repeat sample following a fecal coliform-positive or E.coli-positive routine sample is total coliform-positive.

**CHRONOLOGY OF EVENTS**

On May 11th, 2016, Merl Johnson collected one routine sample from the distribution system (Kitchen). On May 12<sup>th</sup> 2016, Mr. Johnson was notified by Clinical Laboratory that the routine bacteria sample taken at the kitchen was total coliform present/E.coli absent. Mr. Johnson notified this Department of incident. He stated that work in the plumbing was conducted at the building, yet the plumber did not notify him about the work that was being conducted. He felt that it might have had influenced the sample. He stated he would be sanitizing the system and resampling the next morning. On May 13<sup>th</sup> Mr. Johnson took four resamples as required for this system, the samples were reported to be total coliform and E. coli absent by the lab on May 16<sup>th</sup> 2016. On June 6<sup>th</sup> 2016 Mr. Johnson took four routine bacteriological samples. (Kitchen, hose bib E building, hose Bib@ bladder tank and well) on June 8<sup>th</sup>, Mr. Johnson was notified by the lab that the three samples on the distribution system were Total Coliform present and E. coli

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absent. This incident triggered a level 1 assessment. The well was absent for both. On June 10<sup>th</sup>, 2016 Mr. Johnson collected 4 repeat samples at the same locations. On June 13, 2016 the lab reported all samples to be total coliform and E. coli absent.

On June 21<sup>st</sup>, 2016 a level 1 assessment was submitted by Mr. Johnson. In the assessment, he indicated that there was an issue with ground surface sloping towards the well head. Repairs to mainline were conducted without the operator supervision and a few power outages had affected the system. He provided information on sanitizing details and a picture on corrective measure taken to protect the well from surface water intrusion, since this well does not have a sanitary seal. On July 13, 2016 Mr. Johnson collected four routine samples. On July 14<sup>th</sup>, 2016 the lab notified Mr. Johnson that the well was total coliform present and E.coli absent. On July 15, 2016 Mr. Johnson collected an additional four repeat samples at the same locations. All samples were reported to be total coliform and E. coli absent. On August 9<sup>th</sup>, 2016 Mr. Johnson collected four routine samples from the same sample locations. On August 10<sup>th</sup>, 2016 the lab notified Mr. Johnson that the well was total coliform present and E.coli absent. On August 10<sup>th</sup> 2016, Mr. Johnson collected a special sample at the well. On 8/12/2016 the lab reported the sample to be total coliform and E.coli absent. On August 11<sup>th</sup>, 2016 Mr. Johnson collected an additional 4 repeat samples all were reported to be total coliform and E. coli absent by the lab on 8/12/2016. On September 14, 2016 Mr. Johnson collected 4 routine samples from the same sample locations. On September 15<sup>th</sup>, 2016 Mr. Johnson was notified by the lab that all samples were total coliform present and E. coli absent. At this time Mr. Johnson proposed to hand chlorinate the well daily while he tried to figure out the cause of the bacteria issues. A level 2 assessment was triggered. Arrangements were made for an inspection by D. Ciudad Real. Unresolved public notification was posted. On September 16, 2016 Mr. Johnson collected 4 repeat samples, chlorine residual was present in the distribution system, and ranging from 0.40-1.00 mg/L. the well did not have chlorine residual. All samples were reported total coliform absent by the lab on 9/22/2016.

On September 22, 2016 D. Ciudad Real conducted a level 2 assessment with the assistance of Mr. Johnson and representatives for the Terwilleger Association. There were deficiencies that were identified with sample taps, well construction and location. Surrounding possible contamination points; such as location of inactive well and location of septic system. The most evident contamination point was insect intrusion thru the electrical conduit and at sample tap area. Discussion about drilling a new well took place. A copy of this assessment was issued to the operator and is pending response on actions to be taken. Manual chlorination was discontinued on 9/30/2016. Log was submitted to this department. On October 5<sup>th</sup> four routine samples were collected by Mr. Johnson from the same sample sites. All samples were reported to be absent for total coliform and E.coli. The system and well did not have free chlorine residual.

## **DIRECTIVES**

All consumers served by this water system must be notified of this violation, as required in Section 64426.1 (c). Attached is a notification form containing the language that is required in Section 64465. The notice must be posted in conspicuous locations throughout the area served by the water system for no less than 7 days.

Your public water system must be maintained so that the total coliform MCL is not violated. Consult with this Department, or other qualified water professional, to correct and/or prevent reoccurrence of this violation.

The required coliform bacteria follow-up sampling to an unsatisfactory routine sample is described below. This must be completed each and every time that a routine coliform bacteria sampling is unsatisfactory.

1. Within 24 hours of being notified of an unsatisfactory coliform bacteria result by your laboratory, collect four resamples. If you are unable to collect the resamples within 24 hours, contact this Department. Collect the resamples at the sample tap where the unsatisfactory sample was taken, an upstream sample within 5 service connections of the unsatisfactory site, a downstream sample within 5 service connections of the unsatisfactory site, and a sample at the source(s) of water for the distribution system. All active wells must be sampled. If the direction of flow in the distribution system is not known, or if the distribution system is quite small, contact this Department for guidance. It was determined that only four resamples can be collected.
2. If any of the resamples are unsatisfactory, additional sets of resamples must be taken. Contact this Department for guidance.
3. In the month following the unsatisfactory sample collect four coliform bacteria samples. Requirement met on 10/7/2016

#### **FURTHER ENFORCEMENT ACTION**

Failure to comply with this notice and/or failure to comply with Title 22 of the California Code of Regulations may result in assessment of administrative penalties. This Department does not waive any further enforcement action by issuance of this citation.

If you have any questions, please contact Daisy Ciudad Real at (951) 955-8980.

*Daisy E. Ciudad Real*

Daisy Ciudad Real, MPH, REHS

CERTIFIED MAIL- 70150640000607672825



## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

### Terwilliger Association Has Had Levels of Coliform Bacteria Above the Drinking Water Standard

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

We routinely monitor for drinking water contaminants. We took 39 samples to test for the presence of coliform bacteria during May thru October 2016. 13 samples or 33 percent of our samples showed the presence of total coliform bacteria. The standard is that no more than 1 sample per month/ 0.5 percent may do so.

#### What should I do?

- **You do not need to boil your water or take other corrective actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the system's treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing, and further testing shows that this problem has been resolved.**
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from U.S. EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

## **What happened? What was done?**

Various improvements have been made to the water well and surrounding area such as, Grading & Berm, Concrete Sanitary Surface Seal, Improved sample tap at the well head.

For more information, please contact Merl Johnson at 951 337 7417 or PO Box 391655 Anza CA 92539.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.*

## **Secondary Notification Requirements**

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by Terwilliger Association Water System.

State Water System ID#: 3301146. Date distributed: 10/14/2016.